

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-24 (canceled)

25. (new) Device for evaluating deformations in a tire, said device comprising a dipole having filar electrodes, the dielectric of said dipole being formed by an elastomeric body being subject to the deformations of the tire, said device comprising an electronic analyzing circuit sensitive to a variation of a capacitive characteristic measured between said filar electrodes of the dipole, said variation being caused by said deformations of said tire.

26. (new) Device according to Claim 25, further comprising means for evaluating forces to which said structure is subjected as a function of said deformations caused by said forces, the resistivity of said elastomeric body being greater than $10^{13} \Omega \cdot \text{cm}$.

27. (new) Device according to claim 25, said electrodes being substantially parallel.

28. (new) A pneumatic tire in combination with a device for evaluating deformations in the tire, the device comprising a dipole having filar electrodes, the

dielectric of the dipole being formed by an elastomeric body being deformable in response to tire deformations, the device comprising an electronic analyzing circuit sensitive to a variation of a capacitive characteristic measured between the filar electrodes of the dipole, the variation being caused by the tire deformations.

29. (new) The pneumatic tire according to Claim 28 further comprising means for evaluating forces to which said structure is subjected as a function of said deformations caused by said forces, the resistivity of said elastomeric body being greater than $10^{13} \Omega \cdot \text{cm}$.

30. (new) The pneumatic tire according to Claim 28, said electrodes being substantially parallel to one another.

31. (new) The pneumatic tire according to Claim 30 wherein the tire comprises a tread, the dipole embedded within the tread.

32. (new) The pneumatic tire according to Claim 28 wherein the tread includes tread blocks, the dipole being embedded in a tread block.

33. (new) The pneumatic tire according to Claim 31 wherein the dielectric comprises a portion of the tread.

34. (new) The pneumatic tire according to Claim 31, wherein said device comprising two filar electrodes arranged substantially perpendicular to the

longitudinal direction of the tread and substantially parallel to the transverse direction of the tread.

35. (new) The pneumatic tire according to claim 31, wherein the filar electrodes comprise two filar electrodes arranged substantially perpendicular to a transverse direction of the tread and substantially parallel to a longitudinal direction of the tread.

36. (new) The pneumatic tire according to claim 34, wherein said filar electrodes are situated substantially in the same radial plane of the tread.

37. (new) The pneumatic tire according to claim 35, wherein the filar electrodes comprise at least three filar electrodes which constitute at least two dipoles.

38. (new) The pneumatic tire according to Claim 31, wherein said device comprises two filar electrodes situated in a zone of the tread arranged to be spaced from the ground when the pneumatic tire is rolling.

39. (new) The pneumatic tire according to Claim 30, wherein said device is situated in the tire sidewall.

40. (new) The pneumatic tire according to Claim 39 wherein said dielectric consists of the elastomeric material which constitutes said sidewall at least in the zone in which said dielectric is situated.

41. (new) The pneumatic tire according to Claim 39 wherein said dipole comprises electrodes which are substantially parallel to one another and oriented substantially radially.

42. (new) The pneumatic tire according to Claim 41 wherein said electrodes are substantially parallel to the sidewall and extend along a radius of the pneumatic tire, all of said electrodes being situated substantially at the same distance from the center plane of the pneumatic tire.

43. (new) The pneumatic tire according to Claim 41 wherein said electrodes are substantially parallel to one another and to the sidewall and extend along a radius of the pneumatic tire, each of said electrodes being spaced from one another in the direction of the thickness of the sidewall.

44. (new) The pneumatic tire according to Claim 41 wherein the electrodes consist of interdigitated combs.

45. (new) The pneumatic tire according to Claim 41, wherein a plurality of dipole elements are arranged along the circumference of the sidewall and are connected to one another in parallel to form the dipole.